

› Log In To MyNASA | › Sign Up

Home / Search

## Search

### Search

#### Search Results

[Advanced Search](#)

[Search Tips](#)

[Popular Search Terms](#)

### Suggested Terms:

› ionization

› gas ionization

atmospheric ionization

› auroral ionization

### Used For:

› meteoritic ionization

### Related Terms:

› afterglows

› airglow

› Antares rocket vehicle

› Earth ionosphere

› electron density profiles

› elves

› photoionization

› plasmasphere

› radio meteors

› riometers

## Search Results

atmospheric ionization

› [Advanced Search Options](#)

[General](#)

[News](#)

[Podcasts](#)

[Images](#)

[View raw result.](#)



1 2



### [Ionization of the atmosphere caused by solar protons and its ...](#)

**Ionization** rates (pairs of ions  $\text{H}^+$  and  $\text{He}^+$ ) in mid-polar **atmosphere** (701N) caused

by protons from solar flare at (a) 1620 UT of ...

others searched for:

[http://cdaw.gsfc.nasa.gov/meetings/lws-cdaw2009/data/Jackman/Krivolutsky\\_2005.pdf](http://cdaw.gsfc.nasa.gov/meetings/lws-cdaw2009/data/Jackman/Krivolutsky_2005.pdf)

### [Energy Deposition by Solar Energetic Particles in the Upper ...](#)

Reduction in stratospheric ozone. • Large electric fields at the Moon. • Increased **atmospheric ionization**. • Thermospheric density reduction ...

others searched for:

<http://planetquest.jpl.nasa.gov/TPFDarwinConf3/documents/slides/EnergyDepositionBySola...>

### [NASA instruments on Japanese Planet B spacecraft will - Welcome to ...](#)

**Ionization** of the upper **atmospheric** gas by solar radiation produces the charged-

particle **atmosphere** (ionosphere) that acts as an obstacle to the solar wind. ...

others searched for:

[http://nssdc.gsfc.nasa.gov/planetary/text/planetb\\_pr\\_19980701.txt](http://nssdc.gsfc.nasa.gov/planetary/text/planetb_pr_19980701.txt)

### [Science - Atmospheric Observations: People: David Rider](#)

81, 430 (1981); Multiphoton **ionization** Photoelectron Spectroscopy: A New Method

for ... The General Circulation of the Venus **Atmosphere**: An Assessment. ...

others searched for:

<http://science.jpl.nasa.gov/people/Rider/>

### [g1028106 1..4](#)

with the period of the enhanced **atmospheric ionization**. After the end of the

enhanced proton precipitation the NLC occurrence rate recovers again to the ...

others searched for:

[http://mls.jpl.nasa.gov/joe/vonSavigny\\_2007.pdf](http://mls.jpl.nasa.gov/joe/vonSavigny_2007.pdf)

### [Fast Measurements for Sulfur Dioxide by Atmospheric Pressure ...](#)

Apr 3, 2002 ... Fast Measurements for Sulfur Dioxide by **Atmospheric** Pressure **ionization** Mass

Spectrometry. Alan Bandy and Donald Thornton, Drexel University ...

others searched for:

[http://www-gte.larc.nasa.gov/trace/TP\\_Bandy\\_Instrument.htm](http://www-gte.larc.nasa.gov/trace/TP_Bandy_Instrument.htm)

### [STS-67 Day 7 Highlights](#)

There is some debate as to whether **atmospheric ionization** in the Jovian system

is created primarily by sunlight, as it is in Earth's atmosphere, ...

others searched for:

<http://science.ksc.nasa.gov/shuttle/missions/sts-67/sts-67-day-07-highlights.html>

### [ch6-3.htm](#)

There was little doubt that excitation, dissociation, and **ionization** of **atmospheric** constituents, as well as various energy transfer and recombination

...

others searched for:  
<http://history.nasa.gov/SP-4211/ch6-3.htm>

**ARES : AN IN SITU SENSOR TO CHARACTERIZE MARS ATMOSPHERIC ...**

instrument devoted to the investigation of **atmospheric** electricity at the surface of Mars. It can measure the **ionization** state of the **atmosphere**.

...

others searched for:  
<http://humbabe.arc.nasa.gov/MarsDustWorkshop/Montmessin.pdf>

**ch5**

Rockets discovered that **atmospheric ionization** remains dense during the daytime

from the E region to as high as measurements were made. ...

others searched for:  
<http://history.nasa.gov/SP-4401/ch5.htm>



1 2



atmospheric ionization

[Advanced Search Options](#)

Budgets, Strategic Plans and  
Accountability Reports  
Equal Employment Opportunity  
Data Posted Pursuant to the No  
Fear Act  
Information-Dissemination Policies  
and Inventories

Freedom of Information Act;  
Privacy Policy & Important Notices  
Inspector General Hotline  
Office of the Inspector General  
NASA Communications Policy

Contact NASA  
Site Map  
USA.gov  
ExpectMore.gov  
Help and Preferences